

User Manual

Wireless transmission adapter

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iRay, Inc.

Support and Community

Visit www.iraygroup.com to get your questions answered and access the latest downloads.

You can also check out our NETGEAR Community for helpful advice at www.iraygroup.com

Regulatory and Legal

device to your place of purchase within your return period.

Applicable to GHz devices only: Only use the device indoors. The operation of GHz devices is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet. Operation of transmitters in the GHz band is prohibited for control of or communications with unmanned aircraft systems.

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Get Started and Connect to a Wireless iAEC

The Wireless transmission adapter connects your notebook or desktop computer over WiFi to an 11ax or other network for applications such as lag-free video streaming throughout your home, online gaming, and secure and reliable Internet connections.

This chapter describes how to set up and connect the Wireless transmission adapter, in this manual referred to as *the adapter*, to a WiFi network. The chapter includes the following sections:

 **NOTE:** For more information about the topics covered in this manual, visit the support website at www.iraygroup.com.

 **NOTE:** You can register your A8000 with NETGEAR and receive notifications with firmware updates. Firmware updates with new features and bug fixes are made available from time to time at www.iraygroup.com.

 **NOTE:** The adapter provides the best performance with a Type-C USB.

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Troubleshooting and Frequently Asked Questions

This chapter covers the following topics:

- [Troubleshooting](#) on page 6
- [Frequently Asked Questions](#) on page 7

Troubleshooting

This section provides the following troubleshooting sections:

- [Adapter LED Is Not Lit](#) on page 8
- [When I Connect to the Network, I Cannot Access Shared Resources Such as Printers](#) on page 6
- [Adapter Lost Its IP Address](#) on page 6

Adapter LED Is Not Lit

If the LED is not lit, use these troubleshooting tips:

- Remove and reinsert the adapter.
- Check the Windows device manager to see if the adapter is recognized and enabled. Reinstall the adapter software, if necessary.
- Insert the adapter in a different USB port on your computer if one is available.

When I Connect to the Network, I Cannot Access Shared Resources Such as Printers

Try these troubleshooting tips:

- Make sure that the router or access point is physically connected to the Ethernet network.
- Make sure that the IP addresses and the Windows networking settings are configured correctly.

Adapter Lost Its IP Address

The adapter might lose its IP address after you upgrade the adapter software but do not reboot your computer. Either restart your computer, or connect to a different router or access point.

Frequently Asked Questions

This section addresses the following frequently asked questions (FAQs):

- [How Can I View the IP Address of the Adapter?](#) on page 6

How Can I View the IP Address of the Adapter?

To check your Adapter IP Address:

1. Select the Start button.
2. Select iAEC Box.
3. Select **SCAN > CONNECT > READ**.

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Factory Default Settings and Technical Specifications

This appendix covers the following topics:

- [Factory Default Settings](#) on page 7
- [Technical Specifications](#) on page 7

Technical Specifications

The following table provides technical specifications for the adapter.

Table 2. Technical specifications

Feature	Description
Antenna	Single antenna
Standards	2.4GHz
Radio data rate	Autosensing

Table 2. Technical specifications (Continued)

Feature	Description
Frequency	<ul style="list-style-type: none"> 2.4GHz CCK and OFDM modulation
Power	5V USB supply
Bus interface	USB Type-C
Provided drivers	<ul style="list-style-type: none"> Microsoft Windows 10/11 <p style="text-align: center;">  NOTE: For connecting to the 6GHz WiFi band, Microsoft Windows 11 is required. Microsoft Windows 10 only supports 2.4/5GHz. </p> <ul style="list-style-type: none"> Microsoft Windows 10
Dimensions	Adapter: 93.0 x 31.4 x 14.45 mm
Weight	Adapter: 28g (0.99oz); Cradle: 90g (3.17oz)
Operating temperature	0–55°C (32–95°F)
Regulatory compliance (certification)	USA/FCC, EU/CE, UK/UKCA, Canada/ISED, Australia/RCM, New Zealand/RSM, Japan/TELEC and VCCI, Korea/KC, China/SRRC, Singapore/IMDA, Taiwan/NCC and BSMI, UAE/TDRA, Saudi Arabia/CITC

FCC Regulations:

FCC ID: 2ACHK-02090120

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/ TV technician for help.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.